

FORM PTO-1449 U.S. Department of
Commerce (Rev. 4/92) Patent and Trademark
Office

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.

520.38161CX2

SERIAL NO.

Not yet assigned

APPLICANT
K. ARUGA

FILING DATE
July 10, 2003

GROUP
2187

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5	7	6	8	5	5	1					
GJP		5	7	6	8	5	5	1	6/98	Bleiweiss et al	710	316	
	↑	6	1	4	8	4	1	4	11/00	Brown et al	714	8	
		6	0	2	3	7	5	4	2/00	DuLac et al			
		5	6	9	9	5	3	3	12/97	Sakai	710	316	
		6	3	2	4	1	8	1	11/01	Wong et al	370	403	
		6	2	4	7	0	7	7	6/01	Muller et al	710	74	
		6	1	8	5	2	0	3	2/01	Berman	370	351	
	↓	5	8	6	7	6	4	0	2/99	Aguilar et al	714	6	
GJP		6	5	4	2	9	5	4	4/03	Aruga			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
		1	0	1	7	1	7	4	6					YES	NO
GJP	1	0	1	7	1	7	4	6	6/98	Japan				XX	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER GARY J. PORTKA

DATE CONSIDERED

12/15/04

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(Form PTO-1449 [6-4])

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	520.38161CX2	Not yet assigned
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	APPLICANT K. ARUGA	
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FORM PTO-1449 U.S. Department of Commerce (Rev. 4/92) Patent and Trademark Office	ATTY. DOCKET NO. 520.38161CX2	SERIAL NO. 10/615,907
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	APPLICANT K. ARUGA	
	FILING DATE July 10, 2003	GROUP 2187

U.S. PATENT DOCUMENTS

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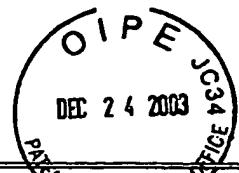
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
						YES	NO

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EXAMINER GARY J. PORTKA DATE CONSIDERED 12/15/04

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SHEET 1 OF 1

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INFORMATION DISCLOSURE
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ATTY. DOCKET NO.

520.38161CX3

SERIAL NO.

10/615,907

APPLICANT
Kazuhisa ARUGAFILING DATE
July 10, 2003GROUP
2187

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
GJP	4,144,583	3-1979	LAWSON et al.			
↑	5,941,972	8-1999	HOESE et al.			
	6,006,342	12-1999	BEARDSLEY et al.			RECEIVED
	6,041,381	3-2000	HOESE			DEC 30 2003
	6,061,750	5-2000	BEARDSLEY et al.			Technology Center 2100
	6,195,703	2-2001	BLUMENAU et al.			
	6,421,753	7-2002	HOESE et al.			
	6,425,035	7-2002	HOESE et al.			
	6,425,036	7-2002	HOESE et al.			
	6,446,141	9-2002	NOLAN et al.			
↓	6,493,347	12-2002	SINDHU et al.			
GJP	6,574,667	6-2003	BLUMENAU et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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GJP	6	7	1	5	0	3	4	03/04	Kleiman et al			
↑	5	2	5	7	3	9	1	10/93	DuLac et al			
	4	9	8	4	2	7	2	1/91	McIlroy et al			
	4	9	3	7	7	6	3	6/90	Mott			
	4	8	2	5	3	5	4	4/89	Agrawal et al			
	5	0	6	7	0	9	9	11/91	McCown et al			
	5	1	1	3	4	4	2	5/92	Moir			
↓	5	1	4	4	6	5	9	9/92	Jones			
GJP	5	2	0	2	9	8	3	4/93	Orita et al			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
													YES NO	
GJP		5	1	9	7	4	9	5	8/93	Japan				XX
↑		0	2	4	4	8	6	2	6/02	PCT				
↓		0	1	4	3	3	6	8	6/01	PCT				
GJP		0	5	3	7	0	9	8	1/99	European				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

GJP	IBM, "Fibre Channel Standard Hub-Loop Redundancy for Higher RAS", IBM Technical Disclosure Bulletin, vol. 37, No. 4A, Apr. 1, 1994, pp. 383-385.
GJP	Kembel "In-Depth Fibre Channel Arbitrated Loop", Fibre Channel Consultant, Northwest Learning Associates, April 1997, pp. 7, 16-20.
GJP	Nass, "Connect Disk Arrays to EISA or PCI Buses", Electronic Design, vol. 41, No. 23, Nov. 11, 1993, 152-154.

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GJP	5	2	2	2	2	1	7	6/93	Blount et al			
↑	5	2	5	7	3	9	1	10/93	DuLac et al			
	5	2	8	3	8	3	0	2/94	Hinsley et al			
	5	5	7	2	7	1	1	11/96	Hirsch et al			
	5	6	1	7	5	6	8	4/97	Ault et al			
	5	6	6	8	9	5	8	9/97	Bendert et al			
↓	5	6	7	5	7	8	2	10/97	Montague et al			
GJP	5	6	8	9	7	0	1	11/97	Ault et al			

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													YES NO	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

GJP	Sebring Systems, "Sebring Rings in Networking", Sebring Systems, Inc. Aug. 9, 1999, pp. 1-14.
GJP	Sebring System, "Sebring Theory of Ring Operation (STROP)", Sebring Systems, Inc., Sept. 9, 1999, pp. 1-66.

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GJP	5	7	3	7	5	2	3	4/98	Callaghan et al			
↑	5	7	6	1	6	6	9	6/98	Montague et al			
	5	8	1	9	2	9	2	10/98	Hitz et al			
	5	8	2	5	8	7	7	10/98	Dan et al			
	5	8	4	1	9	9	7	11/98	Bleiwess et al			
	5	8	5	4	9	0	3	12/98	Morrison et al			
	5	8	7	6	2	7	8	3/99	Cheng			
	5	8	9	0	9	5	9	4/99	Pettit et al			
	5	9	1	5	0	8	7	6/99	Hammond et al			
	5	9	3	1	9	3	5	8/99	Cabrera et al			
↓	5	9	6	3	9	6	2	10/99	Hitz et al			
GJP	6	0	9	8	1	5	5	8/00	Chong, Jr.			

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